



## FIGURE 9A

1 cggcaccgagc ggcacgagag aagagactcc aatcgacaag aagctggaaa agaattgatgt  
61 tgtccttaaa caacctacag aatatcatct ataaccggt aatcccggtt gttggcacca  
121 ttctgatca gctggatcct ggaactttga ttgtgatacg tgggcatgtt cctagtgcag  
181 cagacagatt ccaggtggat ctgcagaatg gcagcagcgt gaaacctcga gccgatgtgg  
241 cctttcattt caatcctcgt ttcaaaaggg ccggctgcat tgtttgcaat actttgataa  
301 atgaaaaatg gggacgggaa gagatcacct atgacacgcc ttcaaaaga gaaaagtctt  
361 ttgagatcgt gattatggtg ctgaaggaca aattccaggt ggctgtaaat ggaacata  
421 ctctgctcta tggccacagg atcgggccag agaaaataga cactctgggc atttatggca  
481 aagtgaatat tcaactcaatt ggttttagct tcagctcgga cttacaaagt acccaagcat  
541 ctagtctgga actgacagag atagtttagag aaaatgttcc aaagtctggc acgcccagc  
601 ttgacctgcc attcgctgca aggttgcaaca ccccatggg ccctggacga actgtcgtcg  
661 ttcaaggaga agtgaatgca aatgccaaaa gctttaatgt tgacctacta gcaggaaaat  
721 caaaggatat tgcctacac ttgaaccac gcctgaatat taaagcattt gtaagaaat  
781 cttttcttca ggagtcctgg ggagaagaag agagaaatat tacctcttcc ccatttagtc  
841 ctgggatgta ctttgagatg ataatttatt gtgatgttag agaattcaag gttgcagtaa  
901 atggcgta caagctggag tacaacaca gatttaaaga gctcagcagt attgacacgc  
961 tggaaattaa tggagacatc cacttactgg aagtaaggag ctggtagcct acctacacag  
1021 ctgctacaaa aaccaaaata cagaatggct tctgtgatac tggccttgc tgaacgcac  
1081 tcaactggta ttctattggt tatattgtta aaatgagctt gtgacctt aggtcctgct  
1141 ggggtgttct agtccttgcc atgacgtatg gtgggtgtcta gactgaatg gggaaactgg  
1201 gggcagcaac acttatagcc agttaaaagc actctgccct ctctcctact ttggctgact  
1261 cttcaagaat gccattcaac aagtatttat ggagtaccta ctataatata gtatgtaaca  
1321 tgtattgagc acagattttt ttgtgtaaat ctgtgaggag ctaggatata tacttggtga  
1381 aacaaaccag tatgttcctt gttctcttga gcttcgactc ttctgtgccc tactgtgcg  
1441 cactgctttt tctacaggca ttacatcaac tcctaagggg caactccttc ccagtgatc  
1501 agatattaaa tcaccggaag acactaactt gccgtatccc atcactgagg actgatgttg actgacatca  
1561 actgtcataa ccagtgctct cgtataaac atgtggctct attagctgca agctttacca agtaattggc  
1621 ttttctttat cgtataaac atgtggctct attagctgca agctttacca agtaattggc  
1681 atgacatctg agcacagaaa ttaagccaaa aaaccaaagc aaaacaaaata catggtgctg  
1741 aaattaactt gatgccagc ccaaggcagc tgatttctgt gtatttgaaac ttaccgaaa  
1801 tcagagtcta cacagacgcc tacagaagtt tcaggaagag ccaagatgca ttcaattgt  
1861 aagatattta tggccaacaa agtaaggcca ggattagact tcaggcattc ataaggcagg  
1921 cactatcaga aagtgtacgc caactaaagg acccacaagc caggcagagg taatgcagaa  
1981 atctgttttg ttcccatgaa atcaccaatc aaggcctccg ttcttctaaa gattagtcca  
2041 tcatcattag caactgagat caaagcactc ttccacttta cgtgattaaa atcaaacctg  
2101 tatcagcaag ttaaattggt ccatttctgt gattttctta ttatttgagg ggagttggca  
2161 gaagttccat gtatatggga tctttacagg tcagatcttg ttacaggaaa ttcaaagggt  
2221 ttgggagtg ggagggaaaa aagctcagtc agtgaggatc attccacatt agactggggc  
2281 agaactctgc caggatttag gaatattttt agaacagatt tttagatatta ttctatcca  
2341 tatattgaaa aggaatacca ttgtcaatct tattttttta aaagtactca gtgtagaaat  
2401 cgctagccct taattctttt ccaacttttc atattaatgt atgcagagtc tcaccaagct  
2461 caaagacact ggttgggggt ggaagggtgcc acagggaag ctgtagaagg caagaagact  
2521 cgaqaatccc ccagagttat ctttctccat aaagaccatc agagtgttca actgagctgt  
2581 tggagactgt gaggcattta ggaaaaaaat agccactca catcattcct tgaagtctt  
2641 aagttcattt tcattttacg tggaggaaaa aaatttaaaa agctatttag atttattaat  
2701 gaattttact gagacatttc ttagaataat gcacttctat aacttctata ttagcttcaa  
2761 aaatgcaagt tggccttttg cttgccacat ttctgcatta aacttctata ttagcttcaa  
2821 aggtttttaa tctcaatgcg aacattctac gggatgttct tagatgcctt taaaaagggg  
2881 gcaagatcta attttatttg aaccctcact ttccaacttt caccatgacc cagtactaga  
2941 gattagggca cttcaaagca ttgaaaaaaa tctactgata cttactttct tagacaagta  
3001 gttcttagtt aaccaccaat ggaactgggt tcatctgaa tcttgaggga gcttctctgt  
3061 gccacccagt gtttctgggc cctctgtgtg agcagccagg tgtgagctgt ttagaagca  
3121 gcgtgttgcc ttcatctctc ccgtttccca aaagaacaaa ggaataaagg gacagtcaca  
3181 ctctgggtt aaaaaagca ttccagaacc acttctctt atgggcacaa caacaaagaa  
3241 gctaagttcg cctaccacaa tgaaagtagg ctttacagtc aagtacttct gttgattgct  
3301 aaataacttc attttcttga aatagagcaa ctttgagtga aatctgcaac atggatacca  
3361 tqtatgtaag atactgctgt acagaagagt taaggcttac agtgcaaatg aggcgtcagc

**FIGURE 9 B**

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3421 tttgggtgct aaaattaaca agtctaatat tattaccatc aatcaggaag agataataaa
3481 tgtttaaaca aacacagcag tctgtataaa aatacgtgta tatttactct ttctgtgcac
3541 gctctatagc ataggcagga gaggccttatg tggcagcaca agccagggtgg ggattttgta
3601 aagaagtgat aaaacatttg taagtaatcc aagtaggaga tattaaggca caaaaagtaa
3661 catggcaccc aacacccaaa aataaaaata tgaaatatga gtgtgaactc tgagtagagt
3721 atgaaacacc acagaaagtc ttagaaatag ctctggagtg gctctcccag gacagtttcc
3781 agttggctga atagtctttt ggcactgatg ttctacttct tcacattcat ctaaaaaaaaa
3841 aaaaaaaaaa
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